



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,551	02/17/2004	Sammy K. Massey	19753-16595	1527

38642 7590 10/18/2006

WILEY HORTON
215 SOUTH MONROE STREET
2ND FLOOR
TALLAHASSEE, FL 32301

EXAMINER

RINEHART, KENNETH

ART UNIT	PAPER NUMBER
----------	--------------

3749

DATE MAILED: 10/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Supplemental
Notice of Allowability**

Application No.

10/780,551

Examiner

Kenneth B. Rinehart

Applicant(s)

MASSEY, SAMMY K.

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to a post allowance screening.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>10/11/06</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Horton on 10/11/06.

No supplemental declaration is required as the amendment only places the claims in the proper form.

The format of claims 6-13 were placed in the proper form as follows:

6. (pending) An incinerator for burning animal carcasses, comprising:

a. an insulated shell including an inner surface and an outer surface, having a first end and a second end;

b. a grate, placed horizontally within said insulated shell, so as to divide a space enclosed within said insulated shell into a lower flame chamber and an upper biomass chamber;

b. means for introducing said animal carcasses into said upper biomass chamber;

d. a burner placed at said first end of said insulated shell and beneath said grate;

e. an exhaust stack placed proximate said first end of said insulated shell and positioned so as to vent said upper biomass chamber to a surrounding atmosphere;
and

f. a blower, positioned proximate said second end of said insulated shell, and

Art Unit: 3749

oriented to direct a stream of air downward and toward said first end of said insulated shell.

7. (pending) An incinerator as recited in claim 6, wherein said second end of said insulated shell opens into a clean out door, with said clean out door being positioned beneath said grate, and wherein said clean out door is large enough to allow the removal of waster products from said lower flame chamber.

8. (pending) An incinerator as recited in claim 6, wherein said grate includes a series of vertical grate channels which allow the passage of said flame from said lower flame chamber to said upper biomass chamber through said grate.

9. (pending) An incinerator as recited in claim 6, wherein said means for introducing said animal carcasses into said upper biomass chamber comprises a main hatch opening through said insulated shell, with said main hatch being large enough to admit said animal carcasses.

10. (pending) An incinerator for burning animal carcasses, comprising:

a. an insulated shell including an inner surface and an outer surface, having a first end and a second end;

b. a grate, placed horizontally within said insulated shell, so as to divide a space enclosed within said insulated shell into a lower flame chamber and an upper

Art Unit: 3749

biomass chamber;

c. means for introducing said animal carcasses into said upper biomass chamber;

d. a burner placed at said first end of said insulated shell and beneath said grate, so that a flame produced by said burner travels through said lower flame chamber and through said grate into said upper biomass chamber;

e. an exhaust stack placed proximate said first end of said insulated shell and positioned so as to vent said upper biomass chamber to a surrounding atmosphere;
and

f. a blower, positioned proximate said second end of said insulated shell, and oriented to direct a stream of air against said flame so as to roll said flame over said animal carcasses.

11. (pending) An incinerator as recited in claim 10, wherein said second end of said insulated shell opens into a clean out door, with said clean out door being positioned beneath said grate, and wherein said clean out door is large enough to allow the removal of waster products from said lower flame chamber.

12. (pending) An incinerator as recited in claim 10, wherein said grate includes a series of vertical grate channels which allow the passage of said flame from said lower flame chamber to said upper biomass chamber through said grate.

Art Unit: 3749

13. (pending) An incinerator as recited in claim 10, wherein said means for introducing said animal carcasses into said upper biomass chamber comprises a main hatch opening through said insulated shell, with said main hatch being large enough to admit said animal carcasses.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth B. Rinehart whose telephone number is 571-272-4881. The examiner can normally be reached on 7:20 -4:20.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ehud Gartenberg can be reached on 571-272-4828. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

kbr


KENNETH RINEHART
PRIMARY EXAMINER